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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/737,002	12/16/2003	Andrew Pennella	6579-152	5734
7590	10/14/2004		EXAMINER	
McCormick, Paulding & Huber LLP CityPlace II 185 Asylum Street Hartford, CT 06103-3402			PAYER, HWEI SIU CHOU	
			ART UNIT	PAPER NUMBER
			3724	
DATE MAILED: 10/14/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/737,002	PENNELLA ET AL.
Examiner	Art Unit	
Hwei-Siu C. Payer	3724	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on ____.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-24 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 1-7 and 12-18 is/are allowed.

6) Claim(s) 8 and 19-21 is/are rejected.

7) Claim(s) 9-11 and 22-24 is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 16 December 2003 is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____.

Detailed Action

Drawings Objection

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the third and fourth ratchet elements as cited in claim 20 must be shown or the feature(s) canceled from the claim. No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Objection to the Specification

The disclosure is objected to because of the following informalities:

- (1) On page 2, in paragraphs [0011] and [0012], line 3-3 and line 4-4 are not found in FIG.1.
- (2) On page 6, in paragraph [0027], "button spring 42" should read --button spring 52--.
- (3) On page 7, in paragraph [0028], "second end 66" should read --second end 38--.

Appropriate correction is required.

Claims Objection

Claims 9-11 and 20-24 are objected to because of the following informalities:

- (1) In claim 20, "fourth" and "third" should be changed to --first-- and --second--, respectively, since no first or second have been cited.
- (2) In claims 9 and 22, line 4, "the interior housing" should read --the housing--.
- (3) In claims 9 and 22, line 8, "button" should read --the button-- since it refers to the one previously cited.
- (4) In claims 11 and 24, line 3, "disposed between disposed between" should simply read --disposed between--.

Appropriate correction is required.

Claims Rejection - 35 U.S.C. 112, first paragraph

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 8 and 19-21 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

(1) In claims 8 and 19, the claimed plurality of second ratchet elements being asymmetrical notches has no support from the specification as originally filed.

(2) In claim 20, the claimed fourth ratchet element and third ratchet elements have no support from the original specification.

(3) In claim 21, the claimed plurality of third ratchet elements being asymmetrical notches has no support from the specification as originally filed.

Indication of Allowable Subject Matter

Claims 1-24 contain allowable subject matter. Specifically, the structural interrelationship between the ratchet mechanism, the button, the piston and the button spring is not shown by the prior art of record or any combination thereof.

Prior Art Citations

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Resnick et al., Lipka, Kells, Miyauchi, Goh, Haws et al., Simms and French '154 are cited as art of interest.

Point of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hwei-Siu C. Payer whose telephone number is 703-308-1405. The examiner can normally be reached on Monday through Friday, 7:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan N. Shoap can be reached on 703-308-1082. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for official communications and 703-746-3293 for proposed amendments.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

H Payer
October 13, 2004

Hwei-Siu Payer

Hwei-Siu Payer
Primary Examiner